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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/509,297	06/08/2000	ERICH BOHM	CBZ-377	8960
7590	09/30/2004		EXAMINER	
J BENNETT MULLINAX DORITY & MANNING PO BOX 1449 GREENVILLE, SC 29602-1449				FRECH, KARL D
		ART UNIT	PAPER NUMBER	2876

DATE MAILED: 09/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/509,297	BOHM, ERICH
	Examiner	Art Unit
	Karl D Frech	2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on _____.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 21-46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 21-46 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 22 March 2000 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____.
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>7.8</u> .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____.

1. The preliminary amendments filed June 8, 2000 and February 20, 2001 have been entered as papers numbers 5 and 6 respectively. However, the amendment to the specification as found in paper number 5 of June 8, 2000 has not been entered because it can not be determined in which page the amendment is to be entered. The amendment recites "On page line, line 13, please delete the following: ..."
2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 21-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Redford et al 5,711,672. Redford discloses in column 4 line 50 – column 5 lines 25+ a system that includes an audio playback device (host device) into which a storage media is inserted. This storage media may store any type of multimedia data in digital form. There is disclosed in column 6 lines 1+ a speaker for playing sound (analog), thus a D/A converter is inherent. There is disclosed in column 7 lines 15+, for example, ROM and RAM. There is disclosed in column 12, lines 33+ a keyboard. There is disclosed throughout appropriate processing for converting the stored data into audible sound and/or displayed image data and/or other types of human interactive signals. Redford does not specifically disclose a decompression. However, compressing data that is stored on storage media is old and well known. It would have been obvious to a person of ordinary skill in the art at the time of the invention to compress the information held

on the storage media of Redford in order to efficiently store information in a memory of minimal size. Also, decompression processing is also old and well known. It would have been obvious to a person of ordinary skill in the art at the time of the invention to provide a decompressor in Redford as the logical means to "decompress" the "compressed" data on the storage media of Redford in order to provide the data in human intelligible form.

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Moses et al 5,612,943 discloses a storage media of audible information and appropriate processing, audible playback, and keyboard.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karl D Frech whose telephone number is (571) 272-2390. The examiner can normally be reached on maxi-flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Karl D Frech
Primary Examiner
Art Unit 2876
